



FERGUSON SLIDE

Restoration Project



Alternatives

Alternative E *(Slide Removal)*

Remove the rockslide and restore State Route 140 on the existing alignment.

Alternative R *(Rock Shed/Tunnel)*

Construct a rock shed through rockfall debris (talus) and restore the highway on the existing alignment.

Alternative C *(Open-Cut Realignment)*

Realign the highway to the northeast spanning the Merced River and bypassing the rockslide. State Route 140 would cut through the mountain across from the rockslide and then span back across the river where it would meet the existing alignment. Two bridges would be constructed to cross the river. The highway would be constructed with two 12-foot lanes and 8 foot outside shoulders.

Alternative T *(Tunnel Realignment)*

Realign the highway to the northeast spanning the Merced River and bypassing the rockslide. State Route 140 would tunnel through the mountain across from the rockslide and then span back across the river where it would meet the existing alignment. Two bridges would be constructed to cross the river. The highway would be constructed with two 12-foot lanes and 8 foot outside shoulders.

Alternative S *(Viaduct Realignment)*

Realign the highway to the northeast spanning the Merced River with two bridges and bypassing the rockslide with a hill-side viaduct. The highway would be constructed with two 12-foot lanes and 8 foot outside shoulders.

Alternative T-2 *(Southern Tunnel Realignment)*

Realign the highway south of the Ferguson rockslide by tunneling one mile through the mountain.

No Build

State Route 140 would remain damaged and blocked by the rockslide. This alternative would not meet the purpose and need of the project.